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On behalf of The Scottish Chapter of the Photonics Society (ex-LEOS), we would like to invite you to a one-day conference on "Integrated and guided wave photonics". This event will mark a significant milestone in the life and career of Richard De La Rue.

Speakers: Ajoy Kar (Heriot-Watt University), Nik Zheludev (Southampton University ORC), Roberto Morandotti (INRS, Quebec, Canada), Andrea Melloni (Politecnico di Milano, Italy), Roel Baets (University of Gent, Belgium), Dmitry Skryabin (University of Bath), Philippe Lalanne (Institut d'Optique, Palaiseau, France), Stewart Aitchison (University of Toronto, Canada), Thomas Krauss (University of St.Andrews).

Location: University of Glasgow

Date: Wednesday 20th October 2010

Contact: Dr Nigel P Johnson, [njohnson@elec.gla.ac.uk](mailto:njohnson@elec.gla.ac.uk)

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Training School on Experimental Characterization of Electromagnetic Metamaterials.

The School is devoted to experimental electromagnetic characterization of metamaterials and to the available characterization techniques. Various available characterization approaches will be discussed in detail, along with their regimes of validity, and various experimental characterization techniques will be presented. These characterization techniques will concern metamaterials operating from microwaves all the way to the optical regime. The presentations will be accompanied by laboratory courses where the students will have the opportunity to familiarize themselves with the details of each experimental procedure. Characterization techniques that will be discussed include microwave transmission and reflection measurements (both amplitude and phase), THz timed domain spectroscopy, Fourier transformed infrared spectroscopy, optical spectroscopy, ellipsometry, etc. In particular, we plan laboratory exercises on characterization of planar composite slabs, with the focus on double-negative composites, measurements of surface impedance of high-impedance surfaces, measurements of polarizabilities of artificial magnetic inclusions, and other experiments.

Dates: December 13-17, 2010

Registration deadline: November 22

Location: Foundation for Research and Technology Hellas (FORTH), Crete, Greece

Organizers: FORTH – Institute of Electronic Structure and Laser (IESL)

(<http://www.iesl.forth.gr>), Metamorphose Virtual Institute (<http://www.school.metamorphose-eu.org/> , go to 17th school edition)

This school is organized in the framework of the Metamorphose European Doctoral Programmes on Metamaterials (<http://www.school.metamorphose-eu.org>). Also, it is part of the activities of the FP7 Coordinating Action ECONAM (Electromagnetic Characterization of Nanostructured Materials - <http://econam.metamorphose-vi.org/> )

Organizing committee: Sergei Tretyakov, Maria Kafesaki, George Kenanakis

Contact: Dr. George Kenanakis ([gkenanak@iesl.forth.gr](mailto:gkenanak@iesl.forth.gr))